

SEQUENCE LISTING

<110> Potterat, Olivier
 Streicher, Ruediger
 Maurer, Till
 Wagner, Klaus
 Mack, Juergen
 Peters, Stefan

<120> Bicyclic Oligopeptides

<130> 1/1368

<140> US 60/416,797

<141> 2002-10-08

<150> EP 02015907.5

<151> 2002-07-17

<160> 5

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 19

<212> PRT

<213> Artificial Sequence

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<223> bicyclic nonadecapeptide or ester thereof

<221> BINDING

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<223> amino acid 1 (Gly) is attached by HN

<221> BINDING

<222> 1

<223> amino acid 1 (Gly) is linked with the
 beta-carboxylate group of Asp via an amide group

<221> BINDING

<222> 6,19

<223> amino acids 6 & 19 (Cys) are the thiole groups of
 cysteines and are linked via a disulfide bridge

<221> BINDING

<222> 19

<223> amino acid 19 (Cys) is attached by COOR

<400> 1

Gly	Leu	Pro	Trp	Gly	Cys	Pro	Ser	Asp	Ile	Pro	Gly	Trp	Asn	Thr	Pro
1				5					10					15	
Trp	Ala	Cys													

<210> 2

<211> 19

<212> PRT

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<223> solide phase peptide synthesis

<221> BINDING

<222> 1

<223> amino acid 1 (Gly) is attached by PG1 (N
alpha-Fmoc-protected)

<221> BINDING

<222> 6,19

<223> amino acids 6 & 19 (Cys) are attached by PG3
(acetamidomethyl (ACM0 group)

<221> BINDING

<222> 9

<223> amino acid 9 (Asp) is attached by PG2 (Boc for
tryptophan)

<221> BINDING

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<223> amino acid 19 (Cys) is attached to Linker-Polymer

<400> 2

Gly	Leu	Pro	Trp	Gly	Cys	Pro	Ser	Asp	Ile	Pro	Gly	Trp	Asn	Thr	Pro
1				5					10					15	
Trp	Ala	Cys													

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<223> solide phase peptide synthesis

<221> BINDING

<222> 6,19

<223> amino acids 6 & 19 (Cys) are attached by PG3
(acetamidomethyl (ACM) group)

<221> BINDING

<222> 19

<223> amino acid 19 (Cys) is attached by a
Linker-Polymer

<400> 3

Gly	Leu	Pro	Trp	Gly	Cys	Pro	Ser	Asp	Ile	Pro	Gly	Trp	Asn	Thr	Pro
1				5					10					15	
Trp	Ala	Cys													

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<220>

<223> solide phase peptide synthesis

<221> BINDING

<222> 6,19

<223> amino acids 6 & 19 (Cys) are attached by PG3
(acetamidomethyl (ACM) group)

<221> BINDING

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<223> amino acid 19 (Cys) is attached by OH

<400> 4

Gly	Leu	Pro	Trp	Gly	Cys	Pro	Ser	Asp	Ile	Pro	Gly	Trp	Asn	Thr	Pro
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Trp	Ala	Cys													

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<223> solide phase peptide synthesis

<221> BINDING

<222> 19

<223> amino acid 19 (Cys) is attached by OH

<400> 5

Gly	Leu	Pro	Trp	Gly	Cys	Pro	Ser	Asp	Ile	Pro	Gly	Trp	Asn	Thr	Pro
1				5					10					15	
Trp	Ala	Cys													